



Attorney Docket No. TAM-1629DIV2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: A. Turner

Art Unit: 1775

In re application of:  
Leverenz

Serial No.: 09/627,801

Filed: July 28, 2000

SUBSTRATE TREATMENT METHOD

#13/  
KWD  
1-703

AMENDMENT AND RESPONSE TO OFFICE ACTION

Pittsburgh, Pennsylvania 15222

January 2, 2003

Commissioner for Patents  
Washington, DC 20231

Sir:

Responsive to the non-final Office Action dated October 3, 2002 ("Office Action") issued in the above-identified patent application ("subject application"), Applicants submit the following remarks and amendments:

*In the claims:*

Please enter amendments to claims 50, 53, and 54, as follows:

*Sub  
1/1  
EY*

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50. (Twice Amended) An article, comprising  
a composite portion comprising hard constituent particles in a binder;  
an etched surface region substantially free of eta phase, the etched  
surface region comprising substantially intact hard constituent particles and voids